

NEW YORK
state department of
HEALTH

Nirav R. Shah, M.D., M.P.H.
Commissioner

Sue Kelly
Executive Deputy Commissioner

May 5, 2011

Ms. Sally Dewes
Division of Environmental Remediation
NYS Dept. of Environmental Conservation
625 Broadway – Floor 12
Albany, New York 12233

Re: **Soil Vapor Investigation Report**
Magna Metals
Site #360003
Cortlandt (T), Westchester County

Dear Ms. Dewes:

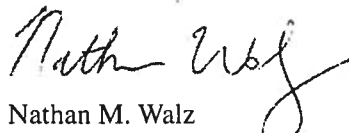
I have reviewed the April 2011, *Soil Vapor Investigation Report* for the above-referenced site. I understand that on January 19, 2011, sub-slab soil vapor, indoor air, and outdoor air samples were collected to monitor the potential for soil vapor intrusion (SVI) to occur in the occupied Polymedco building. Based on my review of the sample results, I offer the following recommendations.

Sub-slab and indoor air sample results for the Polymedco offices and lab facility indicate that trichloroethene (TCE) was detected at concentrations of 1,300 and 65,000 micrograms per cubic meter (mcg/m³) in sub-slab soil vapor, and at concentrations ranging from 2.3 to 5.4 mcg/m³ in indoor air. Based on my evaluation of these concentrations and the last four years of SVI data collected, indoor air levels have slowly increased and are presently above the NYSDOH's air guideline value of 5 mcg/m³ for TCE in air. Actions are recommended to minimize exposure associated with soil vapor intrusion.

I understand that the Record of Decision (ROD) includes provisions for a sub-slab depressurization system (SSDS) as a remedial component to prevent exposure via the vapor intrusion pathway. Since the potential exists that all of the elements of the ROD may not be implemented for a few years, I request an expedited installation of the SSDS for protection of human health.

If you have any questions or wish to discuss my recommendations further, please contact me at (518) 402-7880.

Sincerely,



Nathan M. Walz
Public Health Specialist II
Bureau of Environmental Exposure Investigation

ec: S. Bates / K. Anders / File
C. Bethoney / F. Navratil
B. Devine – MDO
C. Torres – WCDH
R. Cozzy – NYSDEC Central
E. Moore – NYSDEC Reg. 3

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